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AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

 (currently amended) A multiple-supply-voltage semiconductor device comprising a plurality of blocks, any or all of which have an independent clock circuit, and operating with a plurality of power supply voltages, eharacterized in that wherein:

a variable delay circuit which provides an amount of delay changing in accordance with a power supply voltage is provided for any or all of clock signals each of which is provided from a clock generator circuit to each of the plurality of blocks.

- (Original) The multi-supply-voltage semiconductor device according to claim 1, wherein the variable delay circuit increases the amount of delay as the power supply voltage decreases.
- (currently amended) A multi-supply-voltage semiconductor device comprising a
 plurality of blocks, any or all of which have an independent clock circuit, and operating with a
 plurality of power supply voltages, characterized in that wherein:

a voltage level detector circuit which detects the voltage level of the power supply voltage and outputs the detected voltage level as a voltage level detect signal is provided; and

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a variable delay circuit which changes an amount of delay in accordance with the voltage level detect signal is provided for any or all of clock signals each of which is provided from a clock generator circuit to each of the plurality of blocks.

4. (currently amended) A multi-supply-voltage semiconductor device comprising a plurality of blocks, any or all of which have an independent clock circuit, and operating with a plurality of power supply voltages, characterized in that wherein;

a phase synchronizing circuit for bringing the clock signals in the blocks into phase is provided for any or all of clock signals each of which is provided from a clock generator circuit to each of the plurality of blocks.

- 5. (Original) The multi-supply-voltage semiconductor device according to claim 4, wherein a variable delay circuit which provides an amount of delay changing in accordance with the power supply voltage to compensate for a change in delay of a level shifter is provided for any or all of the phase synchronizing circuits, the level shifter adjusting a signal level between blocks supplied with different power supply voltages.
- (previously presented): The multi-supply-voltage semiconductor device according to claim 1, further comprising:
- a voltage change detector circuit which detects a change in the power supply voltage; and

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a blocking unit that blocks a clock signal generated by the clock generator circuit from being supplied to each of the block circuits during a period in which the voltage change detector circuit determines that a voltage is changing.

 (previously presented): The multi-supply-voltage semiconductor device according to claim 1, further comprising:

a minimum voltage detector circuit which generates and outputs a power supply control signal which provides control to minimize the power supply voltage within a range in which a normal operation can be performed at a predetermined clock frequency; and

a power supply control circuit which controls the power supply voltage in accordance with the power supply control signal.

8. (currently amended) A multi-supply-voltage semiconductor device comprising a plurality of blocks, any or all of which have an independent clock circuit, and operating with a plurality of power supply voltages, eharacterized in thatwherein:

a power supply control circuit which controls the power supply voltage in accordance with an operation mode signal indicating the current operation mode is provided; and a variable delay circuit which changes an amount of delay in accordance with the operation mode signal is provided for any or all of clock signals each of which is provided from a clock generator circuit to each of the plurality of blocks.

 (previously presented): The multi-supply-voltage semiconductor device according to claim 8, further comprising:

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a mode change detector circuit which, when detecting a change of the operation mode indicated by the operation mode signal, forces and keeps a clock control signal to a predetermined value for a given period of time set by a timer contained in the mode change detector circuit; and

a blocking unit that blocks a clock signal generated by the clock signal generator circuit from being supplied to each of the block circuits while the clock control signal is kept at the predetermined value.

 (previously presented): The multi-supply-voltage semiconductor device according to claim 2, further comprising:

a voltage change detector circuit which detects a change in the power supply voltage; and

a blocking unit that blocks a clock signal generated by the clock generator circuit from being supplied to each of the block circuits during a period in which the voltage change detector circuit determines that a voltage is changing.

11. (previously presented): The multi-supply-voltage semiconductor device according to claim 3, further comprising:

a voltage change detector circuit which detects a change in the power supply voltage; and

a blocking unit that blocks a clock signal generated by the clock generator circuit from being supplied to each of the block circuits during a period in which the voltage change detector circuit determines that a voltage is changing.

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12. (previously presented): The multi-supply-voltage semiconductor device according

to claim 4, further comprising:

a voltage change detector circuit which detects a change in the power supply

voltage; and

a blocking unit that blocks a clock signal generated by the clock generator circuit

from being supplied to each of the block circuits during a period in which the voltage

change detector circuit determines that a voltage is changing.

13. (canceled).

14. (previously presented): The multi-supply-voltage semiconductor device according

claim 2, further comprising:

a minimum voltage detector circuit which generates and outputs a power supply

control signal which provides control to minimize the power supply voltage within a range in

which a normal operation can be performed at a predetermined clock frequency; and

a power supply control circuit which controls the power supply voltage in

accordance with the power supply control signal,

15. (canceled).

16. (canceled).

17. (canceled).

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18. (new): A multiple-supply-voltage semiconductor device according to claim 1, wherein said variable delay circuit comprises a multistage inverter in which multiple inverters

are connected in series.

19. (new): A multiple-supply-voltage semiconductor device according to claim 1,

wherein said variable delay circuit comprises a plurality of inverter stages stacked vertically.

20. (new): A multiple-supply-voltage semiconductor device according to claim 6,

wherein said voltage change detector circuit comprises:

an analog to digital converter circuit;

a flip-flop circuit:

and a comparator.

21. (new): A multiple-supply-voltage semiconductor device according to claim 20,

wherein said comparator compares a first digital information held in said flip-flop circuit with a second digital information outputted from said analog to digital converter circuit, and determines

a change in the power supply voltage if said first and second digital information do not match. 22. (new): A multiple-supply-voltage semiconductor device according to claim 3,

wherein said voltage level detector circuit comprises a differential amplifier into which the

power supply voltage is input and a reference voltage is input.

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23. (new): A multiple-supply-voltage semiconductor device according to claim 3, wherein said variable delay circuit comprises a selector and a delay gate, wherein the delay gate delays a clock signal from said clock generator circuit and the selector outputs to one of the plurality of blocks cither the clock signal generated by the clock generator circuit or the delayed clock signal generated by the delay gate.

24. (new): A multiple-supply-voltage semiconductor device according to claim 23, wherein said delay gate comprises at least one inverter.

25. (new): A multiple-supply-voltage semiconductor device according to claim 3, wherein said variable delay circuit comprises a selector and a plurality of delay gates, wherein each one of said plurality of delay gates provides a different delay to a clock signal from said clock generator circuit and the selector outputs to one of the plurality of blocks either the clock signal generated by the clock generator circuit or one of the delayed clock signals generated by the plurality of delay gates.

26. (new): A multiple-supply-voltage semiconductor device according to claim 23, wherein each said delay gate comprises at least one inverter.